



**Commonwealth of Virginia
Locality Recycling Rate Report
For Calendar Year 2005**

Contact Information

Reporting Jurisdiction: _____

Person Completing This Form: _____

Title: _____

Address: _____
Street/P.O. Box **City** **State** **Zip**

Phone #: (____) _____ **Fax #:** (____) _____

Email Address: _____

Member Governments (The local governments identified in your regional solid waste management plan and whose data is included in this report):

Calculated Recycling Rate: Using the formula provided below and the information identified on Page 2 calculate your recycling rate for the reporting period.

$$[P + S] / [P + S + M] \times 100 = \text{Recycling Rate}$$

$$\frac{[\text{____} + \text{____}]}{[\text{Total PRM (P) + Total SRM (S)}] / [\text{Total PRM (P) + Total SRM (S) + Total MSW (M)}]} \times 100$$

= _____ %
Recycling Rate

I certify that I have personally examined and am familiar with the information submitted in this form and any attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. These records will be made available for auditing purposes, if requested.

Authorized Signature

Title

Date

Return completed form by April 30, 2006 to: Virginia DEQ, Attn: Recycling Rates, P.O. Box 10009, Richmond, VA 23240.

Locality Recycling Rate Report

For Calendar Year 2005

Part I: Principal Recyclable Material (PRM): Report only PRM generated within the reporting jurisdiction(s), NOT imported PRM.

PRM TYPE

RECYCLED AMOUNT (TONS)

Paper

Metal

Plastic

Glass

Commingled

Yard Waste (composted or mulched)

Waste wood (chipped or mulched) (See Note 1, Page 3)

Textiles

TOTAL PRM

(P)

Part II: Supplemental Recyclable Material (SRM): Report only SRM generated within the reporting jurisdiction(s), NOT imported SRM.

SRM TYPE

RECYCLED AMOUNT/Tons

Waste Tires

Used Oil

Used Oil Filters

Used Antifreeze

Abandoned automobiles removed

Batteries

Sludge (composted)

Electronics

Tree Stumps (> 6" Diameter)

Other (from Page 3)

SUBTOTALS

(RECYCLED SRM)

REUSED* AMOUNT/Tons

Construction Waste

Demolition Waste

Debris Waste

Ash (See Note 2, Page 3)

Other (from Page 3)

SUBTOTALS

(REUSED SRM)

TOTAL SRM

(S)

Part III: Total Municipal Solid Waste (MSW) Disposed:** Report only MSW generated within the reporting jurisdiction(s), NOT imported wastes or industrial wastes..

MSW TYPE

TOTAL AMOUNT DISPOSED (TONS)

Household

Commercial

Institutional

Other*** (DO NOT INCLUDE INDUSTRIAL WASTES)

TOTAL MSW DISPOSED

(M)

*Material separated from the MSW stream and used, without processing or changing its form, for the same or another end use.

**Disposed for the purpose of this report means delivery to a permitted sanitary landfill or waste incinerator for disposal.

***May add total amounts of SRM generated, if known.

Locality Recycling Rate Report Instructions

NOTES:

- Note #1:** Storm debris that is processed and recycled should be included in this PRM category. Storm debris and related wastes that are burned or disposed of after processing should not be included in the recycling calculation as PRM or MSW material.
- Note #2:** Ash and other materials generated by an industrial operation as wastes or by-products do not qualify as MSW material and should not be included in the SRM category on Page 2, or included in the recycling rate calculation. Tonnage and use should be identified on Page 4 as beneficial use or reuse.

OPTIONAL: Use these sections to report and summarize information for the "Other" categories on Page 2 of this form.

SRMs, "other" material:

| <u>Material</u> | <u>Tons Recycled</u> |
|----------------------------|----------------------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| Total SRMs Recycled | _____ (to "Other" entry, Page 2) |

SRMs, "other" material:

| <u>Material</u> | <u>Tons Reused</u> |
|--------------------------|----------------------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| Total SRMs Reused | _____ (to "Other" entry, Page 2) |

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

Locality Recycling Rate Report Instructions

Amended Regulations for the Development of Solid Waste Management Plans (9 VAC 20-130-10 et seq.) became effective on August 1, 2001. The amended regulations require that Regions as well as each city, county, and town not part of a designated Region in the Commonwealth develop complete, revised solid waste management plans. Section 9 VAC 20-130-120 B & C of the Regulations requires that a minimum recycling rate of 25% of the total municipal solid waste generated annually in each city, county, town, or region be maintained. It also requires that the plan describe how this rate shall be met or exceeded and requires that the calculation methodology be included in the plan. Section 9 VAC 20-130-165 D establishes that every city, county, and town in the Commonwealth, or solid waste management planning region shall submit to the department by April 30 of each year, the data and calculations required in 9 VAC 20-130-120 B & C for the preceding calendar year.

PLEASE NOTE: IF YOUR LOCALITY'S RECYCLING PROGRAM IS INCORPORATED INTO A DESIGNATED REGION'S PROGRAM, YOU WILL ONLY NEED TO FILL IN THE CONTACT INFORMATION SECTION FOR YOUR LOCALITY AND SPECIFY THE REGION.

It is requested that the amounts included on the form be listed in **tons**, rounded to the nearest whole ton. If actual weights are not known, volumes can be converted to weight estimates. To assist you with these estimates, a standardized volume-to-weight conversion table is attached.

Contact Information Section: Please provide information on the Reporting Jurisdiction and information on the individual completing this form. Under Member Governments, please list the local governments identified in the applicable solid waste management plan, unless the plan indicates the participating local governments will be reporting on the status of their recycling collection programs independently.

Calculated Recycling Rate Section: Using the formula provided, calculate your recycling rate for the reporting period from information identified in the Recycling Rate Calculations Section.

Signature Block Section: Please provide an authorized signature prior to submitting the completed form.

Recycling Rate Calculations Section: Please provide the requested information:

Part I: Principal Recyclable Material (PRM): Report the amount in tons of each PRM collected for recycling in the named jurisdiction(s) during the reporting period. PRMs include paper, metal (except automobile bodies), plastic, container glass, commingled, yard waste, waste wood, and textiles taken from the MSW generation. The total weight in **tons** of all PRMs collected for recycling represents the letter **P** in the Recycling Rate Calculation.

Part II: Supplemental Recyclable Material (SRM): Report the amount in tons of each SRM recycled and the amount reused in the named jurisdiction(s) during the reporting period for each of the requested categories. Recycled SRMs include waste tires, used oil, used oil filters, used antifreeze, abandoned automobiles removed, batteries, sludge (composted), electronics, and large diameter tree stumps (>6" diameter) taken from the MSW generation. For a material to classify as "reused" a solid waste material must be separated from the MSW stream and used, without processing or changing its form, for the same or another end use. Reused SRMs include construction waste, demolition waste, debris waste and ash from non-industrial sources. The total weight in **tons** of all SRMs collected for recycling and/or reuse represents the letter **S** in the Recycling Rate Calculation.

Vegetative and Yard Waste Material may only be counted towards your recycling rate if they are being mulched or composted, and used for agricultural or landscaping purposes. Sludge that is de-watered and then land applied should not be included as a SRM.

Part III: Total Municipal Solid Waste (MSW) Disposed: Report the total amount in **tons** of MSW that was disposed of by the reporting jurisdiction(s) during the reporting period for each of the source categories (Household, Commercial, Institutional, and Other). For the purpose of this report, "disposed," means delivery to a permitted sanitary landfill or waste incinerator for disposal and excludes industrial wastes. Totals for each of these categories should include only the amount of MSW generated by and then disposed of by the reporting jurisdiction(s). Industrial waste and by-products should not be included in the MSW calculation. The total weight in tons of MSW disposed of represents the letter **M** in the Recycling Rate Calculation.

Locality Recycling Rate Report Conversion Table

| Material | Volume | Weight in Pounds |
|--|----------------------|--|
| Metal | | |
| Aluminum Cans, Whole | One cubic yard | 50-74 |
| Aluminum Cans, Flattened | One cubic yard | 250 |
| Aluminum Cans | One full grocery bag | 1.5 |
| Ferrous Cans, Whole | One cubic yard | 150 |
| Ferrous Cans, Flattened | One cubic yard | 850 |
| Automobile Bodies | One vehicle | 2,000 |
| Paper | | |
| Newsprint, Loose | One cubic yard | 360-800 |
| Newsprint, Compacted | One cubic yard | 720-1,000 |
| Newsprint | 12" stack | 35 |
| Corrugated Cardboard, Loose | One cubic yard | 75-100 |
| Corrugated Cardboard, Baled | One cubic yard | 1,000-2,000 |
| Plastic | | |
| PETE, Whole, Loose | One cubic yard | 30-40 |
| PETE, Whole, Loose | Gaylord | 40-53 |
| PETE, Whole, Baled | 30" x 62" | 500 |
| Film, Baled | 30" x 42" x 48" | 1,100 |
| Film, Baled | Semi -Load | 44,000 |
| Film, Loose | Standard grocery bag | 15 |
| HDPE (Dairy Only), Whole, Loose | One cubic yard | 24 |
| HDPE (Dairy Only), Baled | 32" x 60" | 400-500 |
| HDPE (Mixed), Baled | 32" x 60" | 900 |
| Mixed PET & Dairy, Whole, Loose | One cubic yard | 32 |
| Mixed PET, Dairy & Other Rigid (Whole, Loose) | One cubic yard | 38 |
| Mixed Rigid, No Film | One cubic yard | 49 |
| Glass | | |
| Glass, Whole Bottles | One cubic yard | 600-1,000 |
| Glass, Semi-Crushed | One cubic yard | 1,000-1,800 |
| Glass, Crushed (Mechanically) | One cubic yard | 800-2,700 |
| Glass, Whole Bottles | One full grocery bag | 16 |
| Glass, Uncrushed to Manually Broken | 55 gallon drum | 125-500 |
| Arboreal | | |
| Leaves, Uncompacted | One cubic yard | 200-250 |
| Leaves, Compacted | One cubic yard | 300-450 |
| Leaves, Vacuumed | One cubic yard | 350 |
| Wood Chips | One cubic yard | 500 |
| Grass Clippings | One cubic yard | 400-1,500 |
| Other | | |
| Battery (Heavy Equipment) | One | 60 |
| Battery (Auto) | One | 35.9 |
| Used Motor Oil | One gallon | 7.4 |
| Used Oil Filters (Uncrushed) | 55 gallon drum | 66 Lbs./Used Oil + 110 Lbs./Ferrous Metal |
| Used Oil Filters (Crushed) | 55 gallon drum | 16.5 Lbs./Used Oil + 368 Lbs./Ferrous Metal |
| Tire - Passenger Car | One | 20 |
| Tire - Truck, Light | One | 35 |
| Tire - Semi | One | 105 |
| Antifreeze | One gallon | 8.42 |
| Food Waste, Solid & Liquid Fats | 55 gallon drum | 412 |
| This Table For General Guidance Only. | | |